

APEX® 3050

Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

| | | | |
|-------------------|--|-----------------------------|-----------------|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East • Asia Pacific | • Europe • Latin America | • North America |
| Features | • General Purpose | | |
| Uses | • Film • General Purpose | • Hose • Sheet | • Tubing |
| Appearance | • Natural Color | • Opaque | |
| Forms | • Pellets | | |
| Processing Method | • Extrusion | | |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--------------------------------|---------------|--------|-------------|
| Specific Gravity | 1.33 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (100% Strain) | 250 | psi | ASTM D638 |
| Tensile Strength (Break) | 850 | psi | ASTM D638 |
| Tensile Elongation (Break) | 400 | % | ASTM D638 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tear Strength ² | 100 | lbf/in | ASTM D624 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ASTM D2240 |
| Shore A | 55 | | |
| Shore A, 15 sec | 50 | | |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -54.4 | °F | ASTM D746 |

Notes

¹ Typical properties: these are not to be construed as specifications.

² Die C

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